



建立 Azure SQL DB Replicas

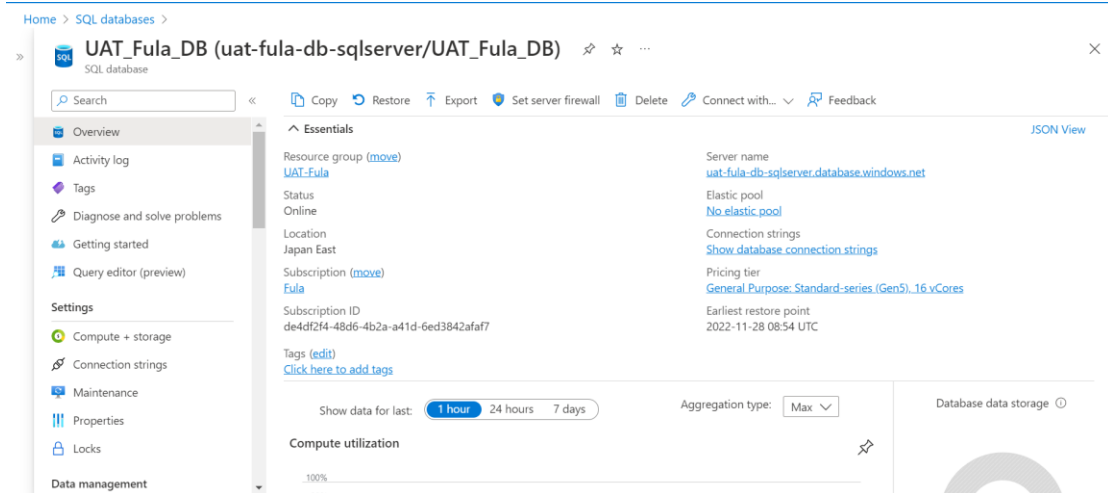
CloudRiches

概述

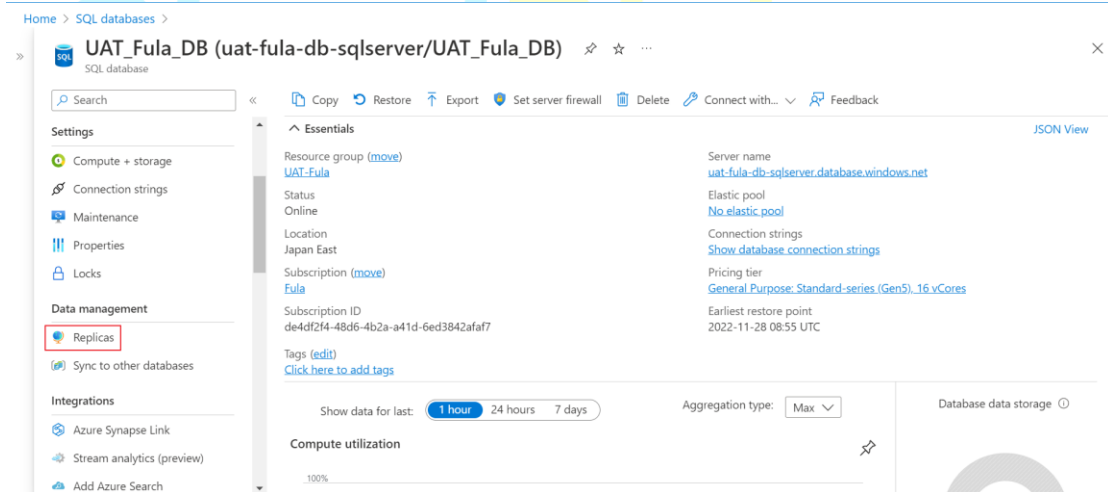
透過 Azure SQL DB 建立 Replicas，可以用來做讀寫分離或是其他的應用。

操作步驟

1. 先到 Azure SQL databases 的 Overview。



2. 在左邊往下捲，可以看到 Replicas 的選項。



3. 按下 Create Replica。

Home > SQL databases > UAT_Fula_DB (uat-fula-db-sqlserver/UAT_Fula_DB)

UAT_Fula_DB (uat-fula-db-sqlserver/UAT_Fula_DB) | Replicas

Search « **+ Create replica** Refresh Feedback

Settings

- Compute + storage
- Connection strings
- Maintenance
- Properties
- Locks

Data management

- Replicas**
- Sync to other databases

Integrations

- Azure Synapse Link
- Stream analytics (preview)
- Add Azure Search

Geo replicas for your database are listed below. Geo replicas reside on a different logical server from the primary and protect against regional failures or prolonged data center outage. [Learn more](#)

Name ↑↓	Server ↑↓	Region ↑↓	Failover policy ↑↓	Pricing tier ↑↓	Replica state ↑↓	
▼ Primary						
UAT_Fula_DB	uat-fula-db-sqlserver	Japan East	None	General Purpose: Stand...	Online	...
▼ Geo replicas						
UAT_Fula_DB	uat-fula-slave-sqlserver	Japan East		General Purpose: Stand...	Readable	...
UAT_Fula_DB	uat-fula-report-sqlserver	Japan East		General Purpose: Stand...	Readable	...

4. 會來到 Create SQL Database - Geo Replica 的頁面。

Home > SQL databases > UAT_Fula_DB (uat-fula-db-sqlserver/UAT_Fula_DB) | Replicas >

Create SQL Database - Geo Replica

Microsoft

Basics Review + create

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription

Resource group

Primary database details

Additional settings will be defaulted where possible based on the the primary database.

Primary database

Region

Review + create Next: Review + create >

5. 往下捲可以選擇其他已存在的 SQL Server 或是新建一個 SQL Server。

Home > SQL databases > UAT_Fula_DB (uat-fula-db-sqlserver/UAT_Fula_DB) | Replicas >

Create SQL Database - Geo Replica

Microsoft

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name

Server * [Create new](#)

Region

Want to use SQL elastic pool? Yes No

Compute + storage * [Standard-series \(Gen5\), 16 vCores, 256 GB storage, zone redundant disabled](#) [Configure database](#)

Review + create Next: Review + create >

6. 點選 Configure Database 可以選擇 Replica 的規格。

Home > SQL databases > UAT_Fula_DB (uat-fula-db-sqlserver/UAT_Fula_DB) | Replicas >

Create SQL Database - Geo Replica

Microsoft

Database name: UAT_Fula_DB

Server * : uat-crawlerdb (Japan East) [Create new](#)

Region: Japan East

Want to use SQL elastic pool? Yes No

Compute + storage * : **General Purpose**
Standard-series (Gen5), 16 vCores, 256 GB storage, zone redundant disabled
[Configure database](#)

Backup storage redundancy
Choose how your PITR and LTR backups are replicated. Geo restore or ability to recover from regional outage is only available when geo-redundant storage is selected.

[Review + create](#) [Next: Review + create >](#)

7. 調整完畢可以按下方的 Apply 保存設定。

Home > SQL databases > UAT_Fula_DB (uat-fula-db-sqlserver/UAT_Fula_DB) | Replicas > Create SQL Database - Geo Replica >

Configure

[Feedback](#)
and offers Hyperscale and Serverless to automatically scale your database based on your workload needs. Alternately, the DTU model provides set price/performance packages to choose from for easy configuration. [Learn more](#)

Service tier: General Purpose (Scalable compute and storage options) [Compare service tiers](#)

Compute tier:
 Provisioned - Compute resources are pre-allocated. Billed per hour based on vCores configured.
 Serverless - Compute resources are auto-scaled. Billed per second based on vCores used.

Compute Hardware
Select the hardware configuration based on your workload requirements. Availability of compute optimized, memory optimized, and confidential computing hardware depends on the region, service tier, and compute tier.

Hardware Configuration: **Standard-series (Gen5)**
up to 128 vCores, up to 625 GB memory
[Change configuration](#)

Cost summary	
General Purpose (GP_Gen5_16)	
Cost per vCore (in TWD)	5369.30
vCores selected	x 16
Cost per GB (in TWD)	3.73
Max storage selected (in GB)	x 332.8
ESTIMATED COST / MONTH	87150.75 TWD


[Apply](#)

8. 最後選擇 Backup Storage Redundancy 後，就可以按下 Review + Create 。

Home > SQL databases > UAT_Fula_DB (uat-fula-db-sqlserver/UAT_Fula_DB) | Replicas >

Create SQL Database - Geo Replica

Microsoft


Compute + storage * 

General Purpose
Standard-series (Gen5), 16 vCores, 256 GB storage, zone redundant disabled
[Configure database](#)

Backup storage redundancy

Choose how your PITR and LTR backups are replicated. Geo restore or ability to recover from regional outage is only available when geo-redundant storage is selected.

The default backup storage redundancy setting is taken from the setting of the source.

Backup storage redundancy  Locally-redundant backup storage
 Zone-redundant backup storage
 Geo-redundant backup storage




[Review + create](#) [Next: Review + create >](#)

9. 建立完成後，會出現如下圖的 Replicas 。

Home > SQL databases > UAT_Fula_DB (uat-fula-db-sqlserver/UAT_Fula_DB)

UAT_Fula_DB (uat-fula-db-sqlserver/UAT_Fula_DB) | Replicas

SQL database

Search  Create replica  Refresh  Feedback

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